

Title (en)
LINING OF WELLBORE TUBING

Title (de)
AUSKLEIDUNG EINER BOHRLOCHRÖHRE

Title (fr)
REVETEMENT D'UNE COLONNE DE PRODUCTION DE PUIT

Publication
EP 2414623 A2 20120208 (EN)

Application
EP 10758116 A 20100219

Priority
• IB 2010000346 W 20100219
• US 41529709 A 20090331

Abstract (en)
[origin: US2010247794A1] A method of lining tubing within a wellbore comprises applying a polymerisable fluid composition containing a photoinitiator to the interior surface of that tubing and initiating polymerisation of the composition by exposing it to actinic radiation, suitably light or ultraviolet with wavelength 250 to 800 nm. The composition is preferably stable against heat but polymerises quickly when exposed to the actinic radiation. The composition may be spread onto the tubing and exposed to actinic radiation as soon as it has been spread into a layer, suitably with a tool which skims the tubing surface with applicator pads for dispensing and spreading the composition, immediately followed by exposing the spread composition to actinic radiation. A second option is that the composition is provided as a sleeve which is expanded against the tubing, exposure to actinic radiation preferably then being achieved by means of light guides or light emitting diodes within the sleeve.

IPC 8 full level
E21B 23/02 (2006.01); **E21B 33/127** (2006.01); **C08F 2/48** (2006.01)

CPC (source: EP US)
C08F 2/46 (2013.01 - EP US); **C08F 2/48** (2013.01 - EP US); **C08F 222/1025** (2020.02 - EP US); **E21B 7/02** (2013.01 - EP US); **E21B 7/025** (2013.01 - EP US); **E21B 19/14** (2013.01 - EP US); **E21B 19/24** (2013.01 - EP US); **E21B 29/10** (2013.01 - EP US); **E21D 20/003** (2013.01 - EP US); **C08F 222/102** (2020.02 - EP US); **C08F 222/103** (2020.02 - EP US); **C08F 222/104** (2020.02 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
US 2010247794 A1 20100930; **US 8394464 B2 20130312**; CA 2749255 A1 20101007; EP 2414623 A2 20120208; EP 2414623 A4 20130904; EP 2414623 B1 20140514; WO 2010112991 A2 20101007; WO 2010112991 A3 20101209

DOCDB simple family (application)
US 41529709 A 20090331; CA 2749255 A 20100219; EP 10758116 A 20100219; IB 2010000346 W 20100219